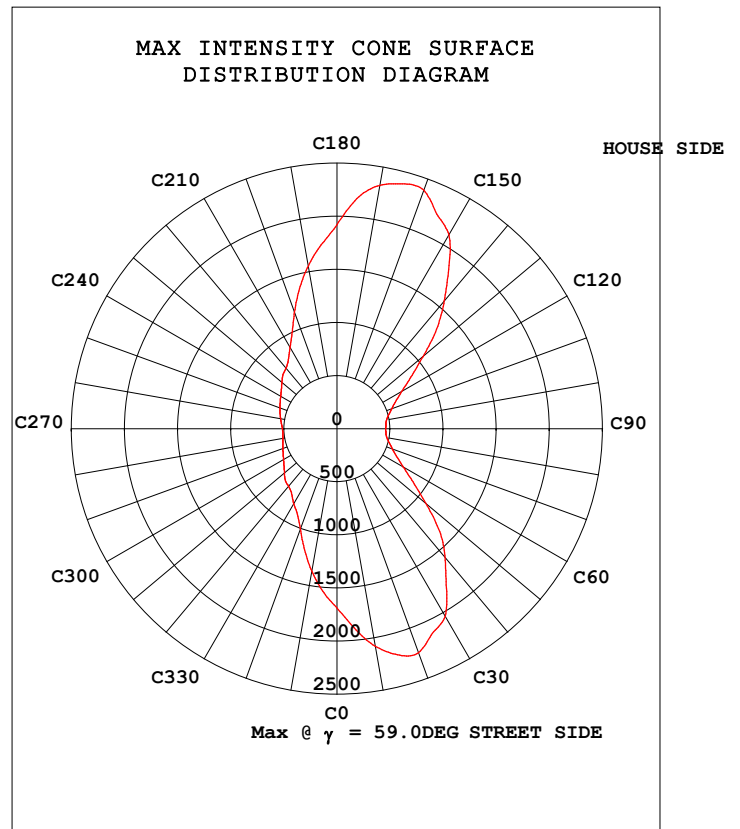
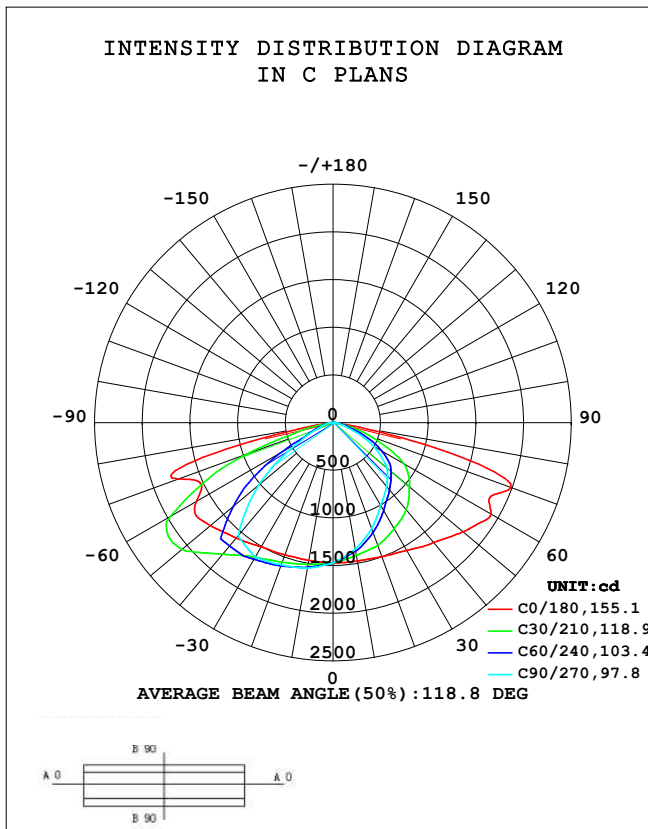


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 153.56 lm/W			
MODEL	LED	Imax (cd)	2391	η street_up (%)	0.0
NOMINAL POWER (W)	35	LOR (%)	100.0	η street_down (%)	50.0
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5476	η house_up (%)	0.0
NOMINAL FLUX (lm)	5475.51	MAXIMUM @ (C, γ)	160,59.0	η house_down (%)	50.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	19.441



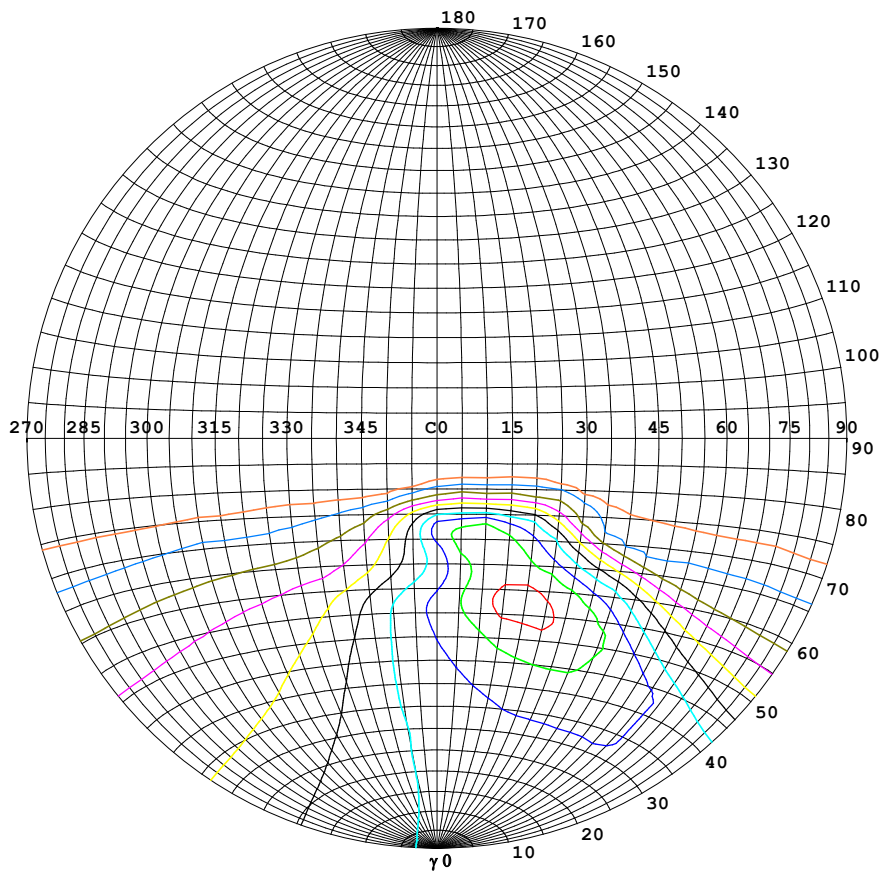
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



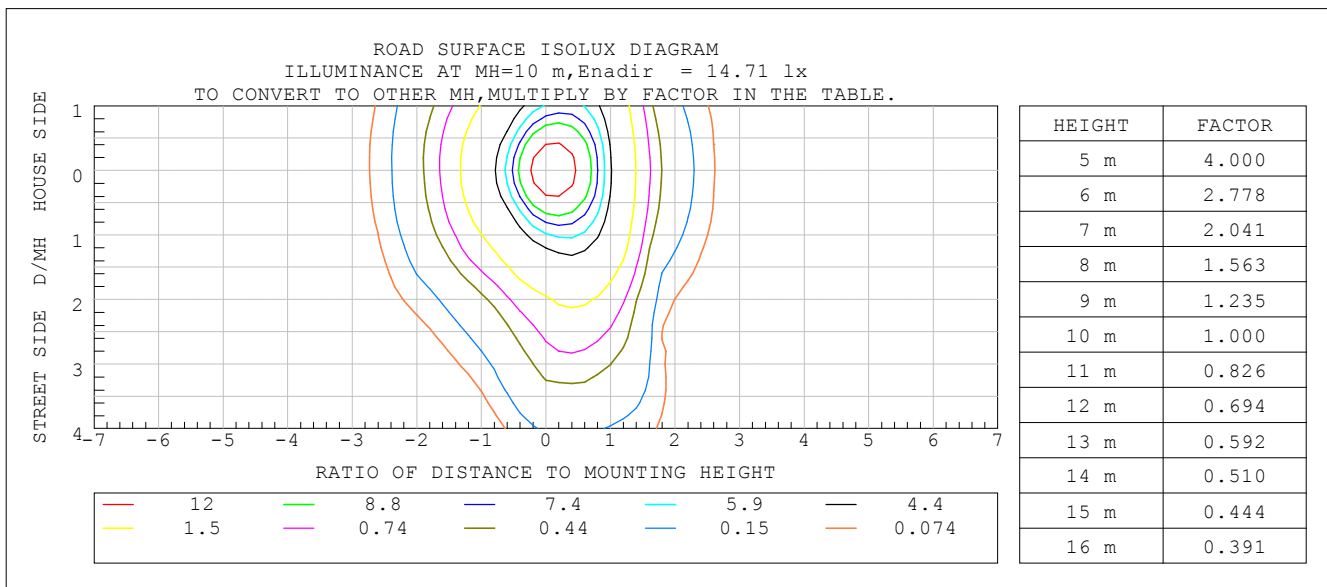
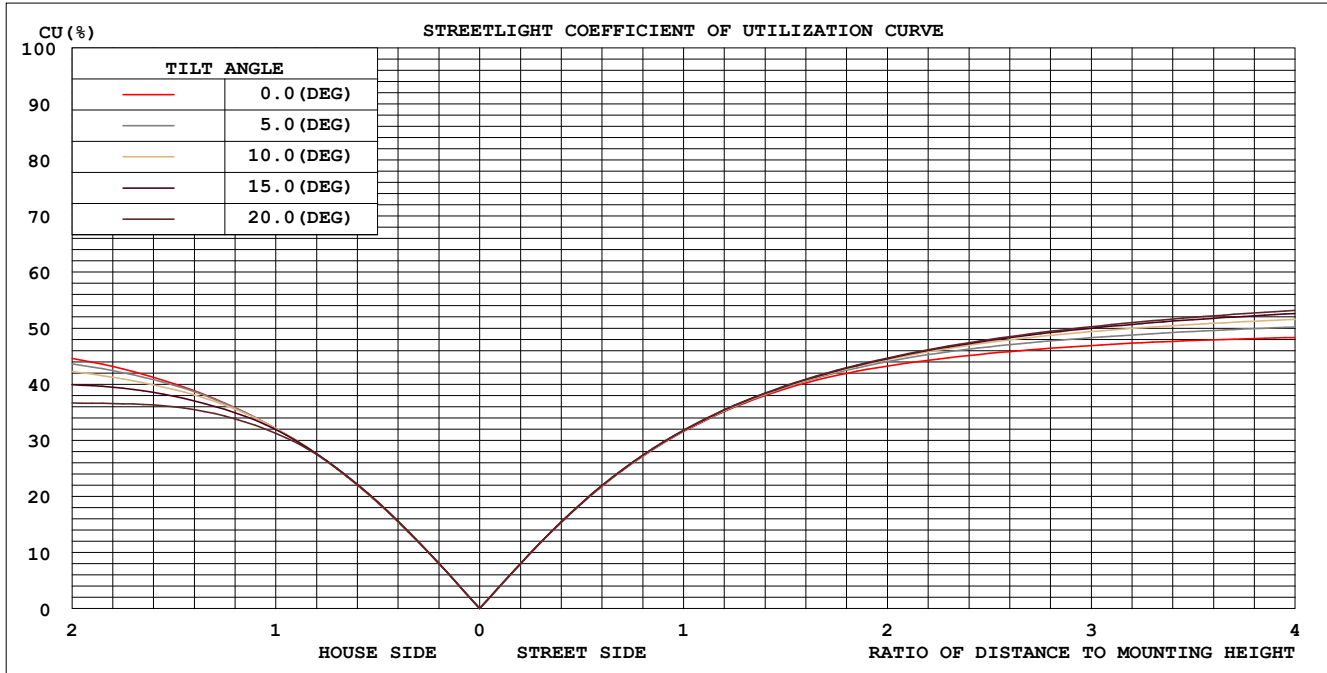
Classification:

IES:Type IV - Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:67.83cd/klm
Max.At90:3.926cd/klm
Max.80-90:67.83cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2391
90%	2152
80%	1913
70%	1674
60%	1435
50%	1196
40%	957
30%	717
20%	478
10%	239
5%	120

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

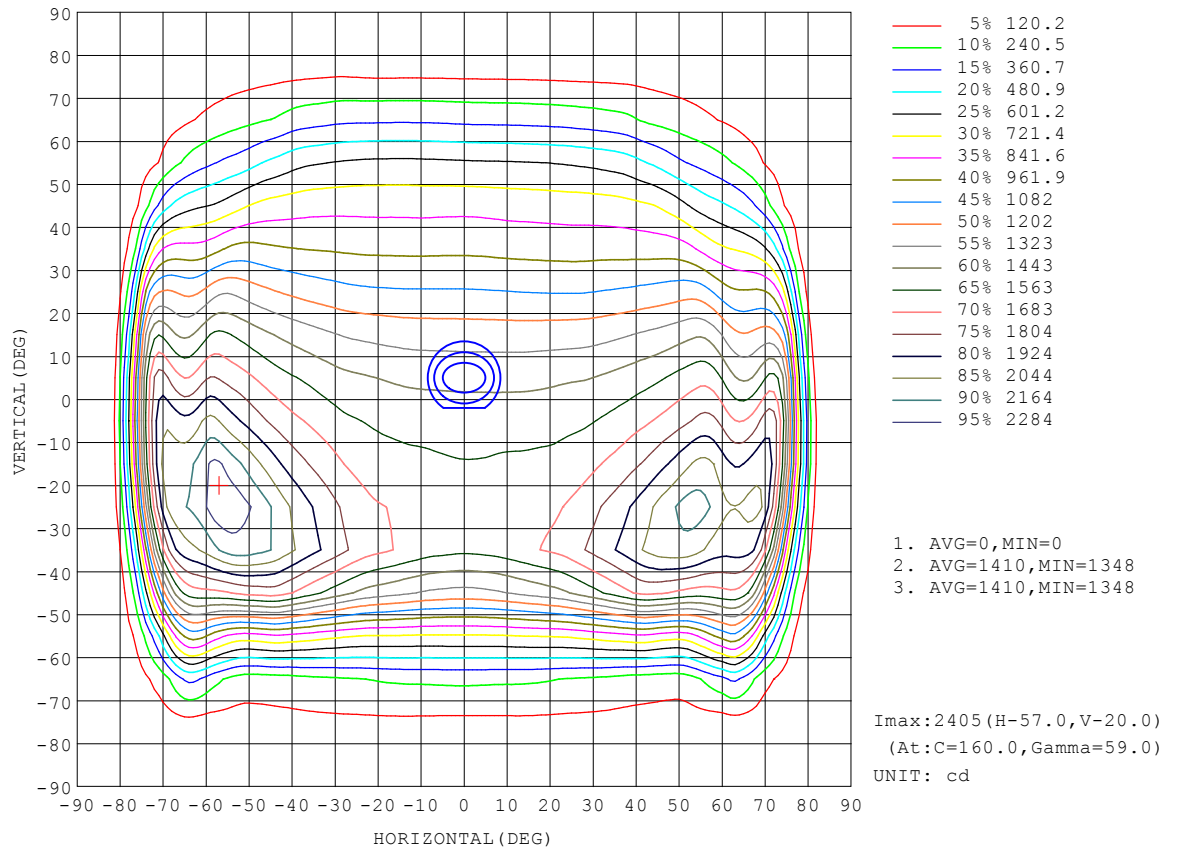
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
5	1469	1498	1511	1501	1473	1429	1410	1426	0- 5	35.06	35.06	0.64,0.64
10	1467	1528	1551	1535	1475	1388	1348	1383	5- 10	104.5	139.6	2.55,2.55
15	1468	1557	1569	1566	1481	1345	1267	1337	10- 15	172.4	312.0	5.7,5.7
20	1476	1583	1588	1597	1497	1286	1185	1273	15- 20	237.7	549.7	10,10
25	1490	1617	1609	1636	1518	1221	1092	1202	20- 25	300.2	849.8	15.5,15.5
30	1505	1647	1631	1674	1547	1153	999.6	1127	25- 30	359.1	1209	22.1,22.1
35	1541	1703	1590	1738	1596	1078	937.3	1049	30- 35	415.3	1624	29.7,29.7
40	1581	1783	1549	1822	1642	1002	875.0	971.0	35- 40	469.2	2093	38.2,38.2
45	1624	1836	1283	1862	1705	945.1	809.0	912.5	40- 45	516.1	2609	47.7,47.7
50	1681	1869	1017	1877	1782	876.5	743.0	845.7	45- 50	545.6	3155	57.6,57.6
55	1735	1599	708.0	1581	1853	796.1	616.2	764.1	50- 55	554.4	3709	67.7,67.7
60	1655	1270	398.8	1233	1915	690.9	489.3	658.6	55- 60	529.6	4239	77.4,77.4
65	1527	636.4	268.0	634.0	1827	514.5	330.3	464.5	60- 65	452.0	4691	85.7,85.7
70	1731	207.5	137.3	218.0	1988	323.6	171.3	274.1	65- 70	357.3	5048	92.2,92.2
75	1413	117.3	94.98	125.5	1379	160.8	109.2	136.1	70- 75	264.9	5313	97,97
80	297.8	71.46	52.64	77.93	282.9	84.63	47.22	70.78	75- 80	126.9	5440	99.4,99.4
85	40.10	19.96	0	22.24	29.95	19.35	0	15.85	80- 85	31.19	5471	99.9,99.9
90	21.50	0	0	0	18.38	0	0	0	85- 90	4.092	5476	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

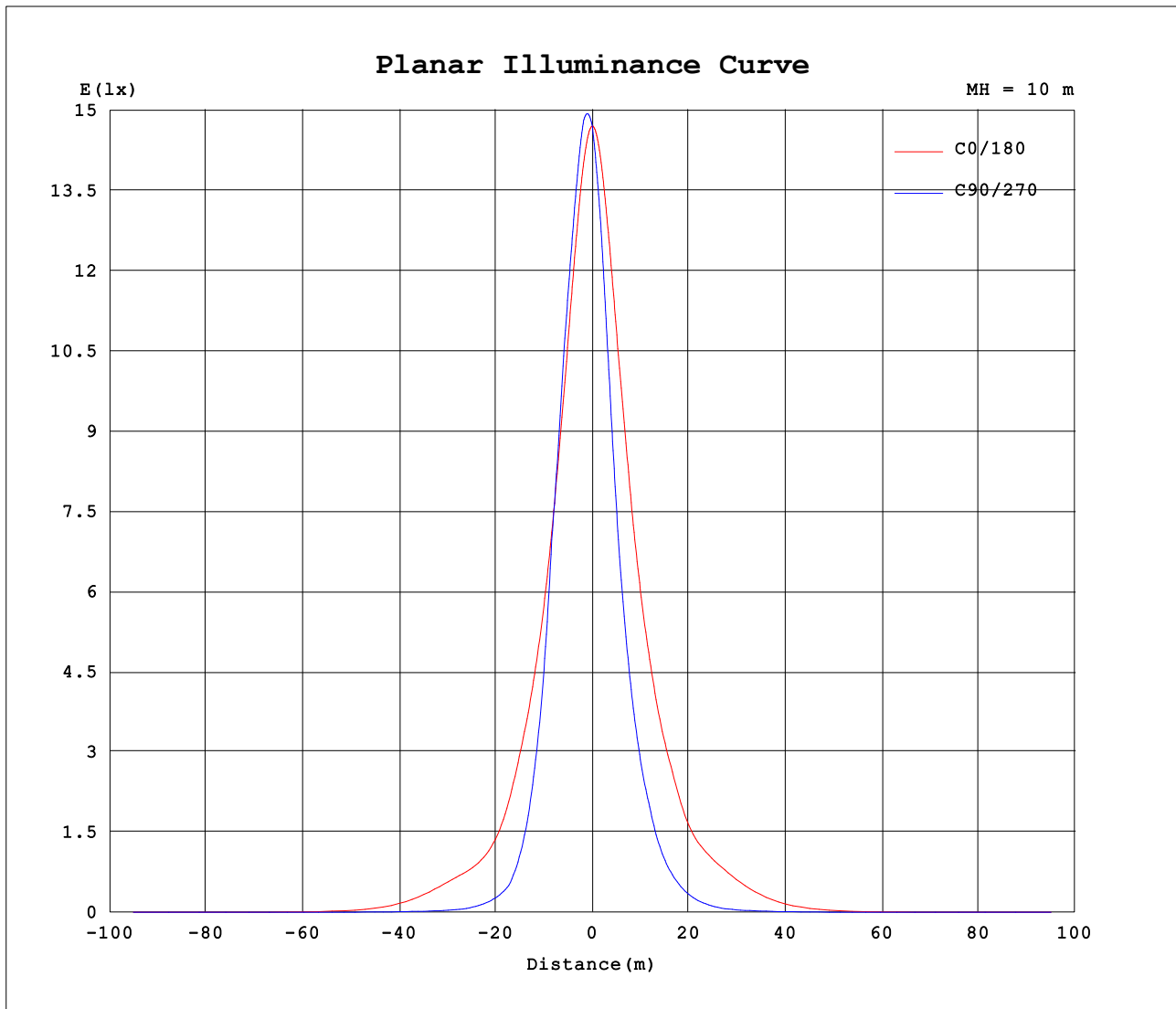
Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



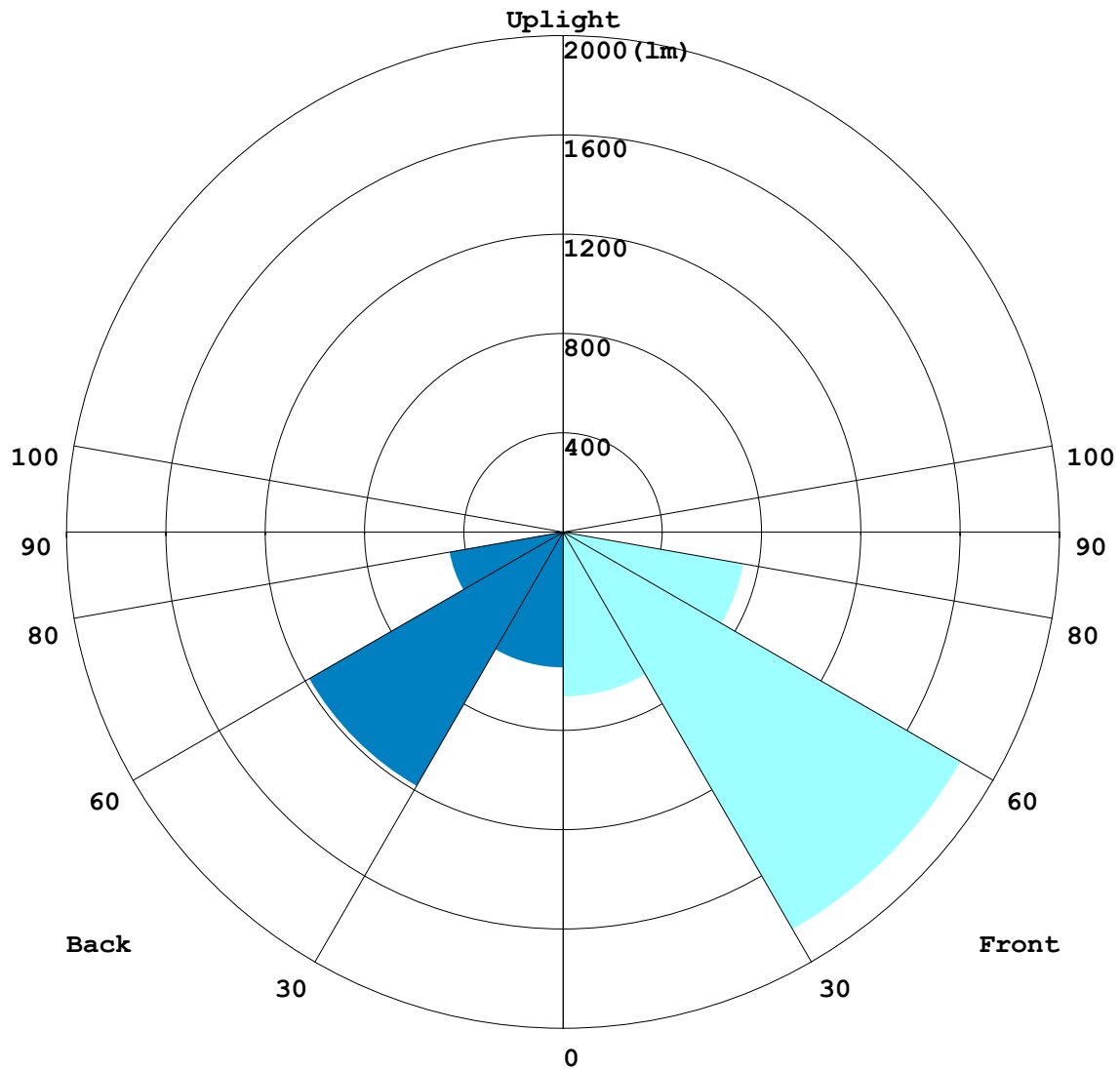
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	662.5	12.1
FM - Front-Medium(30-60)	1849.4	33.8
FH - Front-High(60-80)	736.93	13.5
FVH - Front-Very High(80-90)	21.437	0.4
Total Forward Light	3270.3	59.7

BL - Back-Low(0-30)	546.39	10.0
BM - Back-Medium(30-60)	1180.8	21.6
BH - Back-High(60-80)	464.19	8.5
BVH - Back-Very High(80-90)	13.84	0.3
Total Back Light	2205.2	40.3

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2205.2	0	2205.2
Street Side	3270.3	0	3270.3

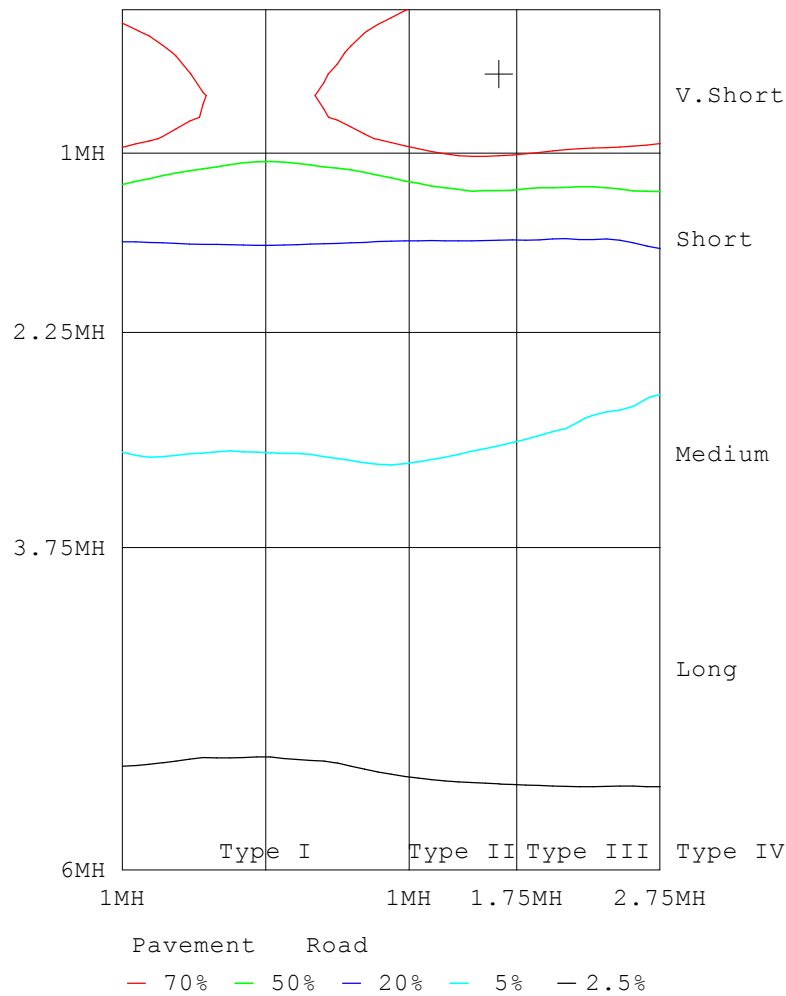
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.9V I:0.1693A P:35.66W PF:0.9535 Lamp Flux:5475.51x1 lm		
NAME: OPCITYIII-35W-4070-6C1T2-068	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```